

PTO/SB/22 (10-00)

## PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket  
Number 0756-7201

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 4, 2005.

In re Application of Toru TAKAYAMA et al.

Application  
Number 10/664,866

Filed 09/22/2003

For METHOD FOR MANUFACTURING SEMICONDUCTOR  
DEVICE AND HEAT TREATMENT METHODGroup Art  
Unit 2818

Examiner T. Le

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

- ☒ One month (37 CFR 1.17(a)(1)) - (\$120/\$60) \$120  
☐ Two month (37 CFR 1.17(a)(2)) - (\$450/\$225) \$  
☐ Three month (37 CFR 1.17(a)(3)) - (\$1020/\$510) \$  
☐ Four month (37 CFR 1.17(a)(4)) - (\$1590/\$795) \$  
☐ Five month (37 CFR 1.17(a)(5)) - (\$2160/\$1080) \$
- ☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is \$
- ☒ A check in the amount of the fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Commissioner has already been authorized to charge fees in this application to a Deposit Account.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 50-2280. I have enclosed a duplicate copy of this sheet.

- I am the ☐ applicant/inventor  
☐ assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).  
☒ attorney or agent of record.  
☐ attorney or agent under 37 CFR 1.34(a).  
Registration number if acting under 37 CFR 1.34(a)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

February 4, 2005  
Date

  
Signature

Eric J. Robinson, Reg. No. 38,285  
Typed or printed name

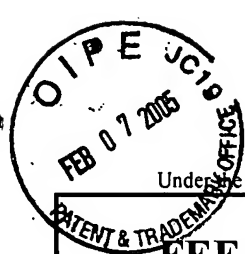
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

02/09/2005 HDNESS1 00000059 10664866

120.00 0P  
01 FC:1251



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>FEE TRANSMITTAL FOR FY 2005</b> <i>Effective 10/01/2004. Patent fees are subject to annual revision.</i> <input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27.		<i>Complete if Known</i>																																																																																																																																																																																																								
		Application Number	10/664,866																																																																																																																																																																																																							
		Filing Date	September 22, 2003																																																																																																																																																																																																							
		First Named Inventor	Toru TAKAYAMA et al.																																																																																																																																																																																																							
		Examiner Name	T. Le																																																																																																																																																																																																							
TOTAL AMOUNT OF PAYMENT (\$)		120.00	Group Art Unit	2818																																																																																																																																																																																																						
			Attorney Docket No.	0756-7201																																																																																																																																																																																																						
<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																																																								
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit Account Number: 50-2280  Deposit Account Name: Robinson Intellectual Property Law Office  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit overpayments  <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. <b>ADDITIONAL FEES</b>																																																																																																																																																																																																								
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1" style="width:100%"><thead><tr><th>Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>1251</td><td>120</td><td>2251</td><td>60</td><td>Extension for reply within first month</td><td>\$120</td></tr><tr><td>1252</td><td>450</td><td>2252</td><td>225</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>1020</td><td>2253</td><td>510</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,590</td><td>2254</td><td>795</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,160</td><td>2255</td><td>1080</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>500</td><td>2401</td><td>250</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>500</td><td>2402</td><td>250</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1403</td><td>1000</td><td>2403</td><td>500</td><td>Request for oral hearing</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>1452</td><td>500</td><td>2452</td><td>250</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,400</td><td>2501</td><td>700</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td><td></td></tr><tr><td>1503</td><td>1100</td><td>2503</td><td>550</td><td>Plant issue fee</td><td></td></tr><tr><td>1462</td><td>400</td><td>1462</td><td>400</td><td>Petitions, Group I</td><td></td></tr><tr><td>1463</td><td>200</td><td>1463</td><td>200</td><td>Petition, Group II</td><td></td></tr><tr><td>1464</td><td>130</td><td>1464</td><td>130</td><td>Petitions, Group III</td><td></td></tr><tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CR 1.17(q)</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR § 1.29(b))</td><td></td></tr><tr><td>1801</td><td>790</td><td>2801</td><td>395</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="4">* Reduced by Basic Filing Fee Paid</td><td><b>SUBTOTAL (3)</b></td><td>(\$ 120.00)</td></tr></tbody></table>			Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	120	2251	60	Extension for reply within first month	\$120	1252	450	2252	225	Extension for reply within second month		1253	1020	2253	510	Extension for reply within third month		1254	1,590	2254	795	Extension for reply within fourth month		1255	2,160	2255	1080	Extension for reply within fifth month		1401	500	2401	250	Notice of Appeal		1402	500	2402	250	Filing a brief in support of an appeal		1403	1000	2403	500	Request for oral hearing		1451	1,510	1451	1,510	Petition to institute a public use proceeding		1452	500	2452	250	Petition to revive - unavoidable		1453	1,500	2453	750	Petition to revive - unintentional		1501	1,400	2501	700	Utility issue fee (or reissue)		1502	800	2502	400	Design issue fee		1503	1100	2503	550	Plant issue fee		1462	400	1462	400	Petitions, Group I		1463	200	1463	200	Petition, Group II		1464	130	1464	130	Petitions, Group III		1807	50	1807	50	Processing fee under 37 CR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.29(b))		1801	790	2801	395	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) _____						* Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3)</b>	(\$ 120.00)
Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																					
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																						
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																						
1053	130	1053	130	Non-English specification																																																																																																																																																																																																						
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																																						
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																						
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																						
1251	120	2251	60	Extension for reply within first month	\$120																																																																																																																																																																																																					
1252	450	2252	225	Extension for reply within second month																																																																																																																																																																																																						
1253	1020	2253	510	Extension for reply within third month																																																																																																																																																																																																						
1254	1,590	2254	795	Extension for reply within fourth month																																																																																																																																																																																																						
1255	2,160	2255	1080	Extension for reply within fifth month																																																																																																																																																																																																						
1401	500	2401	250	Notice of Appeal																																																																																																																																																																																																						
1402	500	2402	250	Filing a brief in support of an appeal																																																																																																																																																																																																						
1403	1000	2403	500	Request for oral hearing																																																																																																																																																																																																						
1451	1,510	1451	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																						
1452	500	2452	250	Petition to revive - unavoidable																																																																																																																																																																																																						
1453	1,500	2453	750	Petition to revive - unintentional																																																																																																																																																																																																						
1501	1,400	2501	700	Utility issue fee (or reissue)																																																																																																																																																																																																						
1502	800	2502	400	Design issue fee																																																																																																																																																																																																						
1503	1100	2503	550	Plant issue fee																																																																																																																																																																																																						
1462	400	1462	400	Petitions, Group I																																																																																																																																																																																																						
1463	200	1463	200	Petition, Group II																																																																																																																																																																																																						
1464	130	1464	130	Petitions, Group III																																																																																																																																																																																																						
1807	50	1807	50	Processing fee under 37 CR 1.17(q)																																																																																																																																																																																																						
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																																						
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																						
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																						
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.29(b))																																																																																																																																																																																																						
1801	790	2801	395	Request for Continued Examination (RCE)																																																																																																																																																																																																						
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																						
Other fee (specify) _____																																																																																																																																																																																																										
* Reduced by Basic Filing Fee Paid				<b>SUBTOTAL (3)</b>	(\$ 120.00)																																																																																																																																																																																																					
<b>FEE CALCULATION</b>																																																																																																																																																																																																										
1. <b>BASIC FILING FEE</b>																																																																																																																																																																																																										
<table border="1" style="width:100%"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>300</td><td>2001</td><td>150</td><td>Utility filing fee</td><td></td></tr><tr><td>1111</td><td>500</td><td>2111</td><td>250</td><td>Search fee</td><td></td></tr><tr><td>1311</td><td>200</td><td>2311</td><td>275</td><td>Examination fee</td><td></td></tr><tr><td colspan="6">Over 100 Sheets/250 for each additional 50</td></tr></tbody></table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1001	300	2001	150	Utility filing fee		1111	500	2111	250	Search fee		1311	200	2311	275	Examination fee		Over 100 Sheets/250 for each additional 50																																																																																																																																																																																
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																					
1001	300	2001	150	Utility filing fee																																																																																																																																																																																																						
1111	500	2111	250	Search fee																																																																																																																																																																																																						
1311	200	2311	275	Examination fee																																																																																																																																																																																																						
Over 100 Sheets/250 for each additional 50																																																																																																																																																																																																										
<b>SUBTOTAL (1)</b>		(\$)																																																																																																																																																																																																								
2. <b>EXTRA CLAIM FEES</b>																																																																																																																																																																																																										
Total Claims <input type="text"/> -20** = <input type="text"/> X <input type="text"/> \$50 = <input type="text"/>																																																																																																																																																																																																										
Independent Claims <input type="text"/> -3** = <input type="text"/> X <input type="text"/> \$200 = <input type="text"/>																																																																																																																																																																																																										
Multiple Dependent <input type="text"/> = <input type="text"/>																																																																																																																																																																																																										
<table border="1" style="width:100%"><thead><tr><th>Large Entity Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee Code</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1202</td><td>50</td><td>2202</td><td>25</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>200</td><td>2201</td><td>100</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>360</td><td>2203</td><td>180</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>200</td><td>2204</td><td>100</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>50</td><td>2205</td><td>25</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr></tbody></table>		Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1202	50	2202	25	Claims in excess of 20		1201	200	2201	100	Independent claims in excess of 3		1203	360	2203	180	Multiple dependent claim, if not paid		1204	200	2204	100	** Reissue independent claims over original patent		1205	50	2205	25	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																						
Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																					
1202	50	2202	25	Claims in excess of 20																																																																																																																																																																																																						
1201	200	2201	100	Independent claims in excess of 3																																																																																																																																																																																																						
1203	360	2203	180	Multiple dependent claim, if not paid																																																																																																																																																																																																						
1204	200	2204	100	** Reissue independent claims over original patent																																																																																																																																																																																																						
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																						
<b>SUBTOTAL (2)</b>		(\$)																																																																																																																																																																																																								
<b>CERTIFICATE OF MAILING</b>																																																																																																																																																																																																										
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 4, 2005.																																																																																																																																																																																																										
<b>SUBMITTED BY</b>																																																																																																																																																																																																										
Name (Print/Type)		Eric J. Robinson		Complete (if applicable)																																																																																																																																																																																																						
Registration No.		38,285		Telephone (571) 434-6789																																																																																																																																																																																																						
Signature				Date February 4, 2005																																																																																																																																																																																																						